FIG. 1

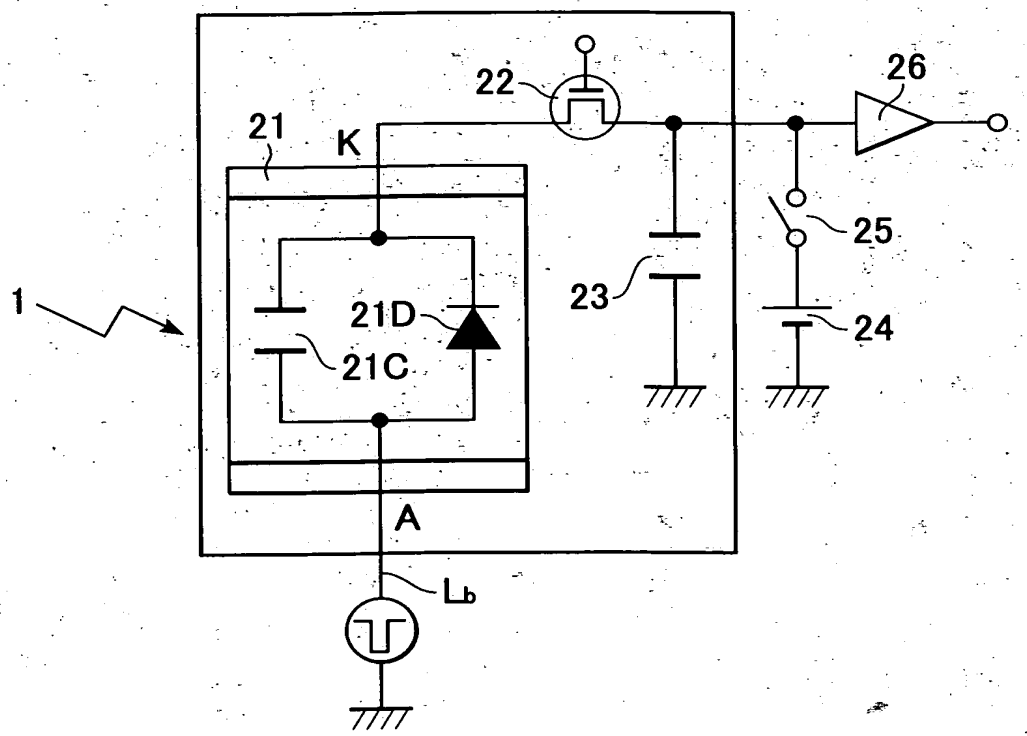

FIG. 2

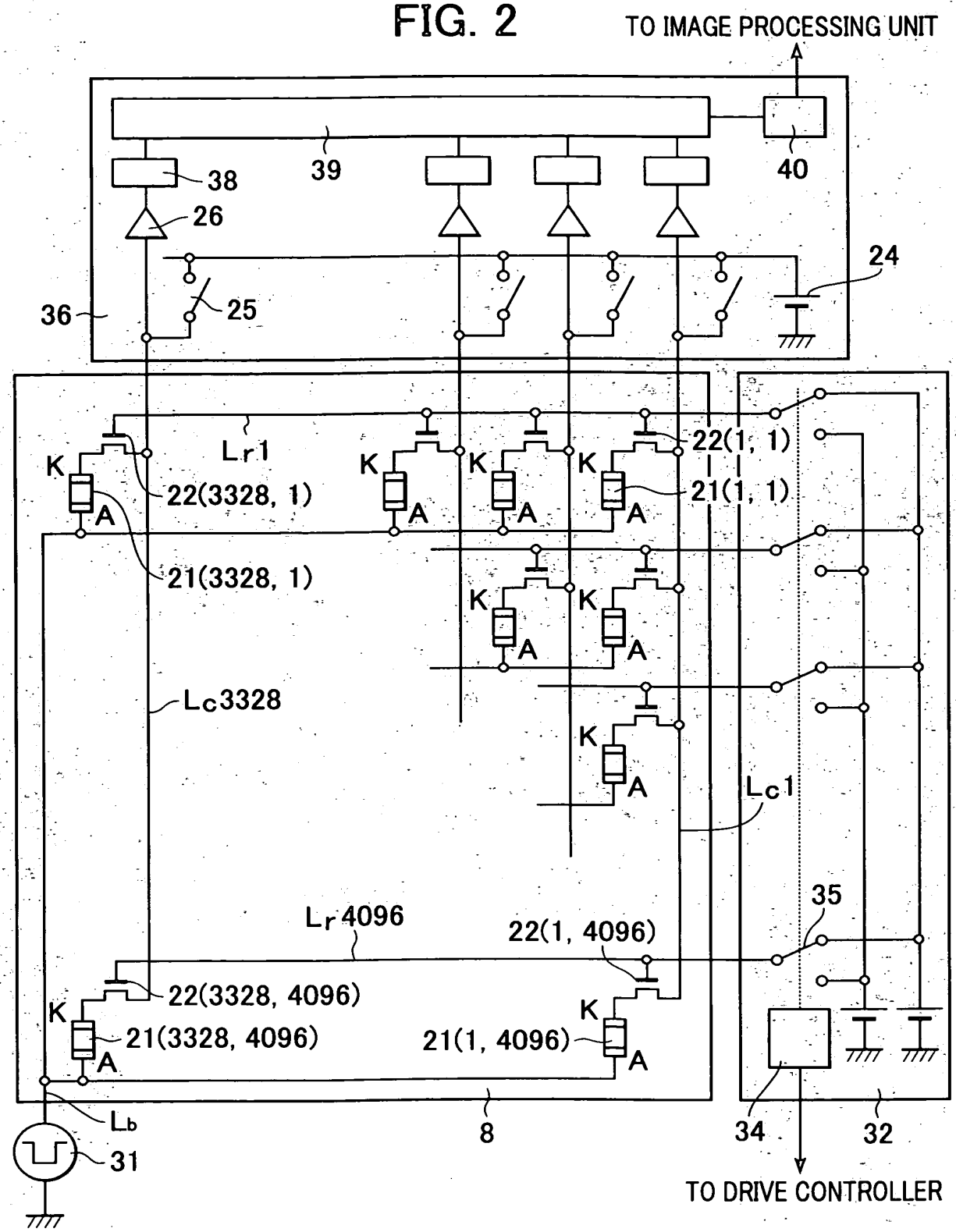
TO IMAGE PROCESSING UNIT
38
39
40
26
24
36
25
Lr1
22(1, 1)
K
A
22(3328, 1)
21(1, 1)
21(3328, 1)
Lc3328
Lc1
35
Lr4096
22(1, 4096)
22(3328, 4096)
21(3328, 4096)
21(1, 4096)
Lb
31
8
34
32
TO DRIVE CONTROLLER

FIG. 3

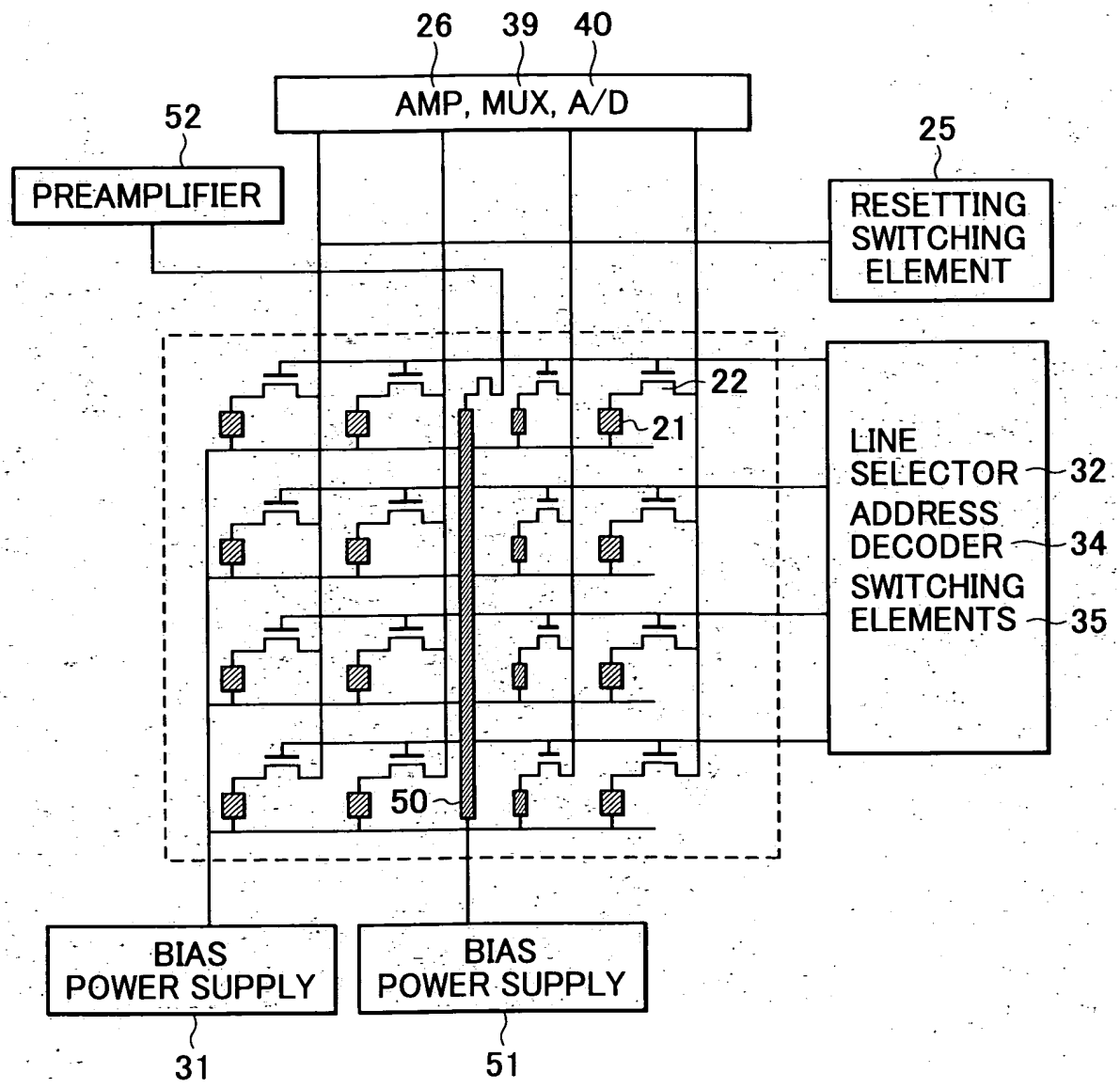
26
39
40
AMP, MUX, A/D
52
PREAMPLIFIER
25
RESETTING SWITCHING ELEMENT
22
21
LINE SELECTOR
32
ADDRESS DECODER
34
SWITCHING ELEMENTS
35
50
BIAS POWER SUPPLY
BIAS POWER SUPPLY
31
51

FIG. 4

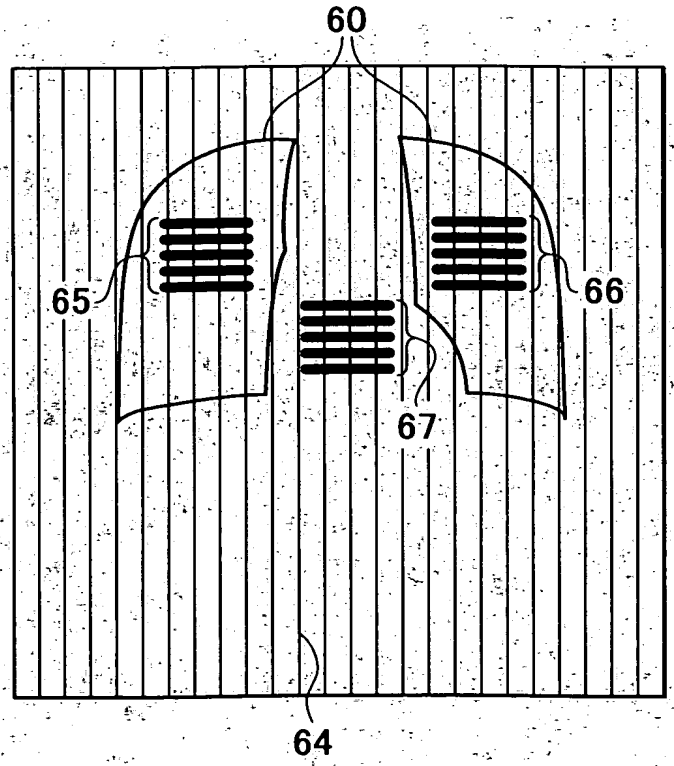
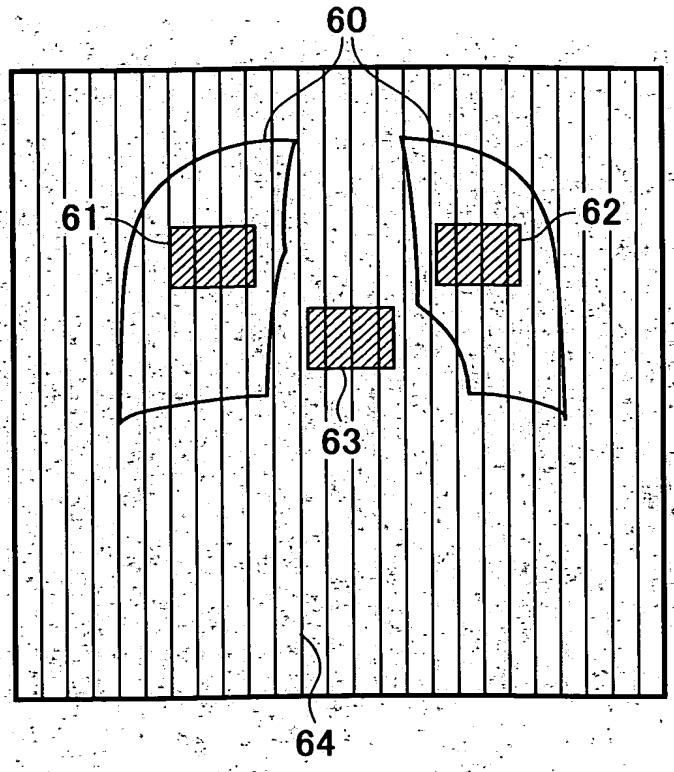
FIG. 5
PRIOR ART